THAKUR COLLEGE OF
ENGINEERING & TECHNOLOGY
Autonomous College Affiliated to University of Mumbai
Approved by All India Council for Technical Education(AICTE) and Government of Maharashtra(GoM)

Conferred Autonomous Status by University Grants Commission (UGC) for 10 years w.e.f. A.Y 2019-20
Amongst Top 200 Colleges in the Country, Ranked 191 *in NIRF India Ranking 2019 in Engineering College category*

Website : www.tcetmumbai.in

Date: 29/5/2023

Minutes of NAAC- IQAC Committee Meeting held on 21st April 2023 at 3:00 pm through zoom online platform

Purpose of the meeting: To approve previous IQAC minutes of the meeting held on 21st January 2023 and discuss the initiatives taken during the previous quarter (January to March 2023) and the quality initiatives to be taken in the next quarter (April 2023 to June 2023).

Agenda:

The agenda of the meeting is to discuss the quality initiatives based on the following NAAC criteria:

1. To discuss the Curricular Aspects of the Academic programs and suggest improvements.
2. To discuss the innovative processes adopted by the institution in Teaching, Learning and Evaluation.
3. To discuss the initiatives taken to sensitize/promote Research development, consultancy and entrepreneurship climate in the Institution.
4. To discuss the increase in infrastructure facilities and library facilities as Learning Resources.
5. To discuss Student Support services and its progression offered by the college.
6. To discuss improvement strategies adopted by the Institution for Academic and Infrastructure Developments (Governance, Leadership and Management)
7. To discuss the innovations introduced during this academic year which have created a positive impact on the functioning of the Institution.
8. To discuss the action taken by the departments on the actionable points identified in the previous meeting.
9. To discuss strategies for implementing future plans of action for the year 2022-23.
10. Any other point with permission of the chair.

The following members were present for the meeting:

Sr. No	Name of External members	Designation
1.	Mr.Gaurav Ghelani	Head - Tata Consultancy Services
2.	Mr.Ivan Castelino	Director, In Solutions Global Private Limited
3.	Mr.Manvendra Pratap Singh	Alumni
4.	Mr.Arya Mishra	Alumni

Sr. No	Name of Internal members	Designation
1.	Dr. B. K. Mishra	Principal & Chairperson, IQAC
2.	Mr. V.N. Datta	TEG Advisor
3.	Dr. Lochan Jolly	Dean - SSW
4.	Dr. Vinit Kumar Dongre	Dean - R&D

5.	Dr. Sheetal Rathi	Dean - Academic
6.	Ms.Rupali Mane	I/C Training and Placement Coordinator
7.	Mr.Devidas Kalwale	Librarian
8.	Dr. Sanjeev Chaudhary	Controller of Examination
9.	Dr. Payel Saha	HOD-E&TC
10	Ms.Pranjali Kasture	I/C Dy. HOD- IT
11.	Dr. Harshali Patil	HOD-COMP
12.	Dr. Sanjay Patil	HOD-E&CS
13.	Dr. Siddesh Siddappa	HOD-MECH
15.	Dr. Seema Jagtap	HOD-CIVIL
16.	Dr. Sunita Panchori	FE In-Charge-ES&H
17.	Dr.Shiwani Gupta	I/C HOD-AI&DS
18.	Dr. Megharani Patil	I/C HOD-AI&ML
19.	Dr. Vidyadhari Singh	I/C HOD-CSE (Cyber Security)
20.	Dr. Sujatha Alegavi	I/C HOD-IoT
21.	Dr.Atul Karanjkar	I/C HOD-MME
22.	Ms. Purnima Chandrasekar	IQAC Member
23.	Ms. Ashwini Shanbhag	IQAC Member
24.	Ms.Swati Abhang	IQAC Member
25.	Ms.Shilpa Mathur	IQAC Member
26.	Mr. Jayant Patil	IQAC Member
27	Ms. Swetha Kulkarni	IQAC Member
28.	Ms. Siddhi Ambre	IQAC Member
29.	Ms.Niki Modi	IQAC Member
30.	Ms. Amruta Mhatre	IQAC Member
31.	Ms. Jyoti Kori	IQAC Member
32	Ms.Ketki Balde	IQAC Member
33.	Ms.Archana Belge	IQAC Member
34.	Mr. Shivram Poojari	IQAC Member
35.	Mr. Viraj Zaveri	Student Member (AI & DS)
36.	Mr. Deerav Nahar	Student Member (CIVIL)
37.	Mr.Mahesh Sharma	Parent Member
38.	Dr. Hemant Katuriwale	Parent Member
39.	Ms.Jyoti Kashyap	Parents Member
40.	Mr. Shailesh Chavan	Administrative member
41.	Mr. Uday Waskar	Administrative member
42.	Ms.Eesha Pandit	Lady Representative
43.	Swetha Suresh Kumar	Parent Member
44.	Dr. R. R. Sedamkar	Director, IQAC
45.	Dr. Rajesh Bansode	IQAC Coordinator

Dr. Ramkumar Ambatipudi also attended the IQAC quarterly meeting on Invitation.

Lagdu Singh Charitable Trust's (Regd.)

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Welcome to all members present:

The meeting began with IQAC Director, Dr. R. R. Sedamkar welcoming all to the 1st quarterly meeting of A.Y.22-23 for the UGC & IQAC cell and usually every quarter it is held after the quarter is over Jan 23 to March 23. He then welcome on behalf of IQAC cell to all the members. We have Mr. V.N. Datta Sir & Ram Kumar Sir CEO and the 3 external peer team members as they attend yearly meetings and not attend the quarterly meetings and we have all the Deans, HOD's who are who are representing the teachers and the teams including controller examination, TPO has a senior administrative officers on the committing and we have promises from local society Manmohan Singh Ranjit Mehta Sir then Sheila Shaileja Jadon,Viraj Zaveri and Disha Pandey they are the student members we have Manvendra Pratap Singh and we have Arya Mishra who are alumni of TCET.

We have nominees from employer and from industry expert Mr. Ivan Castelino managing director of in solutions global private limited then we also have from stakeholders parents we have Dr. Hemant Katuriwale, Ms.Jyoti Kashyap , Mahesh Sharma and Bhaskar Joshi as parents of second & first year students we have those people are also in attendance. The IQAC coordinators from each department and then Dr.Rajesh Bansode who is the coordinator and myself on behalf of the entire team of IQAC welcome you all to this meeting .Before we start with the proceedings of the meeting agenda and approval of the IQAC cell I request our principal Sir Dr.B.K. Mishra and the chairperson of this IQAC TCET, NAAC & the audience on the developments in the last quarterly.

On behalf of TCET IQAC Dr. R. R. Sedamkar requested Principal sir to brief about happening in Curricular Aspects & Academic programs.

Agenda 1: To discuss the Curricular Aspects of the Academic programs and suggest improvements

Principal Sir welcomed all the IQAC meeting and said that as for the previous quarter is concerned. It was basically a quarter where all Co-curricular, extracurricular activities were there and then conference which was the national and international conference under the banner of Multicon W-23 which is the platform that has been created for multiple conferences & workshops. These were arranged and we got overwhelming response not only from the institute but from the outside also. We are in the process of finalizing the proceeding for that and then we are looking forward that some of the publications will come out in the reputed journal. Then sir talked about we had the programs which was had basically for the degree distribution (DCDC) which has been completed. Total 800 certificate supposed to hand out of that around 72% - 73% students graduate from the institute they have collected the certificates and then remaining have been notified that they can collect from the counter for facility we have created. Next Sir said that we also celebrated the gratitude day on the 12th of April,23 where the management and then stakeholders were assembled in the auditorium and then we celebrate each other for the gratitude day and then there was a small get together at the group level. This is the event that we organize every year on the 12th of April where all the staff members including the non-teaching employees are coming together on common platform to we celebrate.

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He said that in addition of that we had our Institute Bodies such as the Governing council and Advisory Committee and college development committees and then the academic council the Board of studies all meetings were conducted for this A.Y.2022-23. These each of the bodies 2 meetings were completed this last year we were able to conduct only one meeting because of the pandemic impact and the disturbance in the academic calendar but this year the academic calendar has been regularized and because of that we were able to comply with the requirements so whatever things have been emerge out of all these meetings so the important points include the course and curriculum which is required to be changed from the coming academic year and already has been started at the department level because revision for the syllabus and the curriculum is already approved by the statutory body and then the departments they are aware with the changes and then this time the highlight of these changes basically is to align with the NEP 2020 and then in addition to that we are the autonomous institute and therefore some changes we are trying to bring with respect to the knowledge component where the knowledge is required to be supplemented with the skills and the attributes and that will be in alignment with the NBA and the NAAC requirement which are the credit rating coordinate for us so we are taking care of that also another important is one feedback that we got from the visit of NBA that there should be a continuous improvement process so we are focusing on that and we are trying to implement a system where we should be able to develop the curriculum which is reset which is contemporary and at the same time it should be able to produce the industry ready graduate so that is the objective of the curricular. Thos is for the implementation of the next academic year.

Next Sir Said, that has been changed is made in the B.Voc course which is 4 years so that decision is also tackled and then now will be writing to the university because on 20th April 2023 there is a notification that has come from the government of Maharashtra so implementation of this 4 year course need to be communicate to the university and the autonomous institute and having the Research Center and the graduate programs so we will automatically will be able to make it 4 year course as per the government order and then formula as per the decision of the statutory body that has been resolved in the meeting along with that resolution will be setting soon maybe after some days will be setting related to the university so that the B.Voc course will become 4 year course from the next academic year. We are proposing the degree for that 2 degrees now it is up to the university to accept Whichever degree they will accept the graduate will be getting that degree so one degree that we are proposing is B.Voc if the student is completing 4 years of course they will be getting BVOC degree (literary digital degree)and then another degree is Bachelor of Science degree .Let us wait what the university accept so that will be in alignment with the UGC guidelines & UGC list so whatever they will accept we will be able to keep that degree to our students.

With this, Principal sir handed over the session to Dr. R. R. Sedamkar to continue with the proceedings. Dr. R. R. Sedamkar requested to share the minutes of the last meeting which was held on 21st January 2023. Initially, the draft minutes were sent through mail on 10/2/2023 followed by final minutes of meeting were sent after incorporating suggestion received through mail from all concerned IQAC members. Also, it was uploaded on website. Then sir said about AQAR which is accepted and it was very lengthy process because immediately once we submitted earlier it used to get accepted but this time they have put lot of tabs with the actual authenticated data needs to be put up and Finally it was accepted. This time they have added the points of NEP as compliance they

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have asked initially what exactly as an autonomous college did as a part of multidisciplinary academic credit, then some skill enhancement programs and they have other knowledge system Indian knowledge system.

Sir said that they are integrating that into a quality system so that we have to start putting efforts on those so that the data starts coming in that direction. Also so and it was a rigorous exercise because they asked literally each and everything and they have asked us to upload the data 3rd NAAC AQAR which was submitted and the 4th AQAR is going on then and next year will be going out with the SAR study report.

Agenda 2: To discuss the innovative processes adopted by the institution in Teaching, Learning and Evaluation

Dr. Sheetal Rathi Said that, We are in the process of revision of our scheme and are trying to reduce our credits from 206 which are existing credits to 176 as per the national credit framework For this we have done a comparative study of various schemes at local institutes National Institutes the various universities as well as some universities at international level also and taking inputs from the various stakeholders. We are now in the process of revising scheme which is in line with NEP 2020 and NCR framework. Next, she Said for teaching learning and evaluation process, as the FDP is currently going on effective academic conduct which is based on the PDCA cycle wherein how to effectively conduct the academics right from planning phase to deployment to check the phase and analysis everything is being covered wherein how to effectively use the pedagogical initiatives how to create a good question paper how to evaluate all these aspects are being covered or it is in progress.

Next she said for Innovative Exam, We have streamlined the innovative exam also in this semester with clear guidelines for conduction and evaluation and a binary rubric is being given to the departments where in innovative exam the entire content beyond syllabus portion will be covered by in the various subjects, workshop conducted on automatic question bank generation on 18th of March,2023. That exercise is in process where in all the faculty members are trained and they are creating the question bank based on the excel sheet which is provided to them this semester. We have also promoted the courses through MOOCs as in total 7 students are taking their elective through MOOCs where in for professional elective, open electives there were not many takers but still we are offering those courses through mentorship and 7 of the students are taking these courses.

Next about action plan for next semester is principal She mentioned internal Academic board meeting is scheduled on 26th of May, 2023 wherein we will discuss and deliberate on the proposed scheme and get it approved in the BOS and Academic council to be deployed from A.Y.2023-24. Also, she said that after generating the question bank now in the next semester we proposed to automate the process of question paper generation itself so that there is no repetition and the quality of the question paper is also improved there is no bias in that. Along with that we also propose to strengthen the interdisciplinary projects through academic research.

Further She said we have developed the tracks and we are trying to give as much as choice based to the students be it in the form of professional electives in the form of open electives which are again track wise there is a theme to it. Along with that we are also offering professional skill and

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industry practices again which will be elective to be taken choice by the students based on the course skills as well as the employability skills. All of these are mapped with the qualification pack levels along with this we are also integrating the IKS that is Indian knowledge system component in our syllabus in the form of a mandatory course in the first year and in the form of professional elective and open electives in the final year especially for civil and mechanical engineering where in this IKS subjects are more aligned.

Further She said for our curriculum, 50% syllabus is related to engineering courses along with that almost 18 credits are given for skilling or training and almost 13 credits are diverted towards research. We are trying to balance out our academics that is college component the skill component and the training component all are being offered and all these are under mandatory credits. We are also offering the optional credits of minimum 18 in the form of minor and major. Along with that all those students who will be able to complete the qualification pack again we are offering them optional credits for those as achievers credit expect. So these are some of the things which we are proposing for multiple entry and multiple exit what we have done yes for multiple entry multiple exit as I told professional skill and the industry practices we have aligned with NSQF that is the qualification pack so once the student completes a particular qualification like as the guideline is given by NCRF if the student can exit in the first year as undergraduate with a undergraduate certificate if he does the level 6 qualification pack he can exit the second year with undergraduate diploma if he exists the 3rd year with level 7 qualification pack all these are aligned in the curriculum itself then the student can exit with a BVOC degree and there is also we have also given a provision of 2 credits in the final year for industry certification but in the student will pass out with a bachelors degree engineer So what we have tried basically is to integrate the multiple entry multiple exit with our professional skill itself if the student wants to exit it is fine but if it does not want to exit then also we are giving them the provision for industry skill that is the skilling counsel the courses are being offered.

Agenda 3: To discuss the initiatives taken to sensitize/promote Research development, consultancy, and entrepreneurship climate in the Institution.

For discussion on agenda 3,Dean R&D Dr. Vinit Kumar Dongre was invited to share the development in the last quarter along with the action taken report, he initiated the discussion by briefing the various aspects of the R&D ,the current progress and the action taken till now 38 patents are filed and 4 in the current semester also 18 patents are in progress out of which around 7 patents will be filed in the next month because they are in advance stage ant the remaining ones we are finding out that how we can go further. Along with these there are some potential projects as well. Sponsored research till now we have received the sponsored research sanction amount of 28 lakh for this academic year around and last year we received 7.7 lakh, and last 3-year average was Rs.22 lakh and the last 5 year average was Rs.17 lakh so we have exceeded the previous year sanction amount. The consultancy project, we are focusing on the IT domain, software domain now we are going for the CNC machining we are also going for the projects for the laser cutting machine as well as the electronics domain, so we are expanding the consultancy projects. For revenue generation from training, we are diversifying the areas i.e. training for the bank professional, INS Hamla i.e. Navy, also we are giving training to the Air Force. We are trying to develop a model

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which will help us with the existing lab infrastructure and can utilise it. For the publication this year which is almost 3 times of the our previous average publication, which we were trying to achieve now we got the result for this year now our focus is on the quality publication that is the journal publication which is indexed that is our focus that we are looking for. Aavishkar a state level competition which recently concluded for PhD and UG ,we got prizes namely Vaishali Nirgule guided by Dr. Sheetal Rathi, She got ₹1.2 lakh fellowship from the University of Mumbai and ₹35,000 fellowship was received by UG student Shivam Dubey. In hackathon 8 group participated out of which 6 were the winners at the national level and they got ₹1,00,000 price each. Special interest group this is the new initiative and we have allotted them the dedicated library resources along with these 6 groups one is recently we have given the permission and 7 groups again we have identified 7 domains Where we are starting the work in this special interest group the number of students may vary. This is what we are looking as a prime ambassador for R&D in the institute as well as outside because these are passionate students looking for the particular domain and they are working in this particular domain and here we are looking to collaborate with the industry we are also looking for the patents and publication. For Nirman Hyperloop submission of patent is in progress and they are working on induction motor. In Multicon-W 2023 around 1000 papers were received so these are some initiatives that were taken by R&D cell and are still working on all these aspects because funded research patents sponsors research as compared to our previous data we are performing comparatively better but as compared to the competitive data the journey is quite long the destination is not yet achieved.

Dr. R. R. Sedamkar invited suggestions on agenda 3 to improve on it because this is one of the weak areas identified in the last NAAC cycle we scored only 1.58 out of 4.Principal sir suggested to include students group those who have applied this academic year so around 11 to 12 groups are there, we have applied in KAVACH 2023 which is at par with smart India hackathon, 15 students applied for KAVACH 2023 and this data needs to be updated.

Agenda 4: To discuss the increase in infrastructure facilities and library facilities as Learning Resources

Principal Sir initiated the discussion, saying that the infrastructure is equally important. As per the infrastructure is concerned right now we have not constructed any infrastructure because we already had completed the infrastructure last year and now we have enough infrastructure to accommodate the additional divisions. We have applied for the new Divisions which are in AI&DS one division will be added in AI&ML and then IoT intake will change to 60 which is currently 30 and then we have also asked for cyber security to add one more division and then we have also asked one more program which is the integrated course i.e. dual degree program, which is 5 year course and then the degree will be the M-Tech degree so that also we have applied. With all these intake it will get the next academic here our intake will be 1300 at the UG level and similarly in B-Voc. we have asked to make 30 in AI&DS to 60 and then we have applied 30 in Data Analytics and then will be continuing with 30 intake in Animation and Graphics design so this is the about the B.Voc degree where 120 intake will be there in the next academic year. Then PG already have the 54 and then if we will add this integrated program so then again the PG intake will become 60

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+ 54 that is 114. That will take another 5 years to get matured and to get that many 114 students as the intake for the PG so this is all as per the infrastructure and the intake is concerned.

Agenda 5: To discuss Student Support services and its progression offered by the college.

Dr. R. R. Sedamkar requested Dr. Lochan Jolly to present what is being done in this area. She started, With respect to higher studies the HOC cell is organising various seminars and accordingly they are guiding the students. This time we have 15 students qualifying the gate and of which I think 3 are in the good ranks and they will get the good colleges. Regarding other student support. This time in Multicon-W-2023 we have conducted the workshop for those students which were focused on giving them the skills and all the workshops were conducted by the industry experts and this was a full 30 hours of training by the industry experts where students were given the various skills we also got PMKVY 4.0 that is for 240 students to impart skills a grant from the government and this we this we have integrated with the internship for the second year students as well. As for the B.Voc and this time we have all 240 students registered under 4 tracks multimedia content development, solar installation, bar bending and air conditioning so these are the tracks and we have already started with the trainings and this will finish it in June Under IKS we also finished an internship that was sponsored by AICTE so this was the first time we introduced IKS under internship and students have done a good job of developing the gold content and further she invited Dr. Sanjeev Chaudhari Sir to take over for results and then said Dr. Zahir Aalam Sir can brief about the placements.

Dr. Sanjeev Chaudhari started that, As far as the last quarter is concerned we have successfully conducted first semester foe BE,B-Tech and B.Voc as per academic calendar and result is also declared in the stipulated time and as per as result is concerned the first year result for engineering and technology passing percentage is 75.63% where as in case of B.Voc it is 58% so for B.Voc we need some improvements. We have introduced one a new practice to distribute the grade cards immediately after declaration of the result. Earlier it was like university pattern first used to declare the result and then we used to print the grade parts and then we used to distribute so there was time lapse, but now there is no time lapse immediately the grade card will be given to the students then we have also organised the degree distribution ceremony for students passed in May 2022. In this ceremony will have distributed degrees for PhD, PG, UG. If the statistic is taken then out of 800 undergraduate students 549 students have received on the same day also there are 6 PhDs, 7 master degree, 6 institute level toppers and 20 specialisation degree were given out and remaining students have to collect it from the counter. The timetable for 4th semester examination which is to be scheduled in May 2023 is being prepared and will be scheduled on time.

Ms. Rupali Mane brief about the placements she wished good afternoon everyone and said that the Phase 2 of the placement process is going on. Phase one completed in December there were 541 students interested in the placement. Out of 541, 351 students got placed so 65% of the students got place with higher salary of Rs.44,00,000/- and average salary of Rs.6,51,000/- There are 226 offers which are categorised as dream and super dream offers i.e. with salary package is Rs.5,00,000/- and above that. For 2022 batch phase 3 was completed in December there were total 512 students

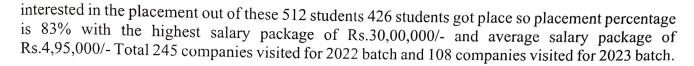*Lagda Singh Charitable Trust's (Regd.)*

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interested in the placement out of these 512 students 426 students got place so placement percentage is 83% with the highest salary package of Rs.30,00,000/- and average salary package of Rs.4,95,000/- Total 245 companies visited for 2022 batch and 108 companies visited for 2023 batch.

Dr. R. R. Sedamkar on asking if there are any suggestions from any member on placement improving the placements, Mr. V.N. Datta responded that there was a very interesting topic in one of the earlier agendas mentioned that the last 6 months will be internships in industries to improve the skillset of the students, this is an issue and which I have been thinking about, which is better a sandwich type system in which a candidate completes internship not in the last semester but in the 7th semester and then come back to the institute to complete a semester and appear for the final exam, Now how far our training and placement officer Dr. Zahir Alam is involved in in finding out from the industry about the students who go there do they prefer, he added that sandwich type system would be better because they've had an experience of industry and they would understand theory better, the idea is it to improve our teaching learning process.

Further Mr.Gaurav Ghelani added some more points that for the better placement education sessions can happen in terms of what events organizations are doing a modelling career opportunities and all and students between the better position to understand in terms of where they want to get into which company do they want to increase our career and that will also help them to prepare accordingly also he was that sure that these things is already been done, but this year being again very uncertain. I think more industry collaboration will help, and the students will get the confidence in terms of that, they do have an opportunity they need to prepare for it and i think that will help.

Principal sir added that, the reason why we have kept that internship in the 8th semester the reason behind that 8 semester basically most of the placement activities are done in the 7th semester and if you will see our statistics so very few students are placed may be in the 8 semester or there after that rate is not that much so once the student will complete the placement process now they can go to the industry, they can join the same industry where they have been recruited so that they can get the training and then maybe from the day one they can be productive in that industry so that will reduce the placement of the student for the internship also because again you will find that we have to place the student twice once for the internship and the second is for placement so that we have and another thing is it academics in terms of the credits it is less in the 8th semester and we want to make the credits to be in the online mode Whatever the UGC are a AICTE guidelines are there for the online credits so the students should be able to complete that requirements also so that is the idea behind that and the most important thing is in the final year basically once the placement is done and so they are not in a mood to sit in the classrooms so there should be some practical approach to engage them and this is what practical approach we have found out and we found that this may help the student.Even when they will join the industry initially as intern and may be after 6 months they will become the full time so that is the idea behind and whatever the skills are required for employability, that curriculum we already have which is running in the institute from first year to the third year so there is no need to give them the additional training to improve their employment so it is already included in the credits.

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Agenda 6: To discuss improvement strategies adopted by the Institution for Academic and Infrastructure Developments (Governance, Leadership and Management)

Principal Sir said that Statutory bodies such as the governing council and advisory committee and college development committees and then the academic council the board of studies all meetings were conducted for this academic year and he was happy to say that for each of these bodies 2 meetings were completed in the current academic year, in the last year we were able to conduct only one meeting because of the pandemic and the disturbance in the academic calendar but the somehow this year the academic calendar has been regularised and because of that we were able to comply with the requirements so whatever things have been emerged out of all these meetings, the important points the course and curriculum which is required to be changed from the next academic year ,which has already been started at the department level because revision for the syllabus and the curriculum is already approved by the statutory body and then the departments they are aware with the changes and then this time the highlight of these changes basically is to align with the NEP-2020 and then in addition to that we are the autonomous institute and therefore some changes we are trying to bring with respect to the knowledge component where the knowledge is required to be supplemented with the skills and the attributes and that will be in alignment with the NBA and the NAAC requirement which are the accrediting bodies for us so we are taking care of that.

Sir further said that, Feedback that we got from the visit of NBA that there should be a continuous improvement process so we are focusing on that and we are trying to implement a system where we should be able to develop the curriculum which is reset which is contemporary and at the same time it should be it should be able to produce the industry ready graduate so that is the objective or the curricular that is due for the implementation of the next academic year. Another important point is about making the B.Voc. course for 4 years so that decision is also taken and then we will be writing to the university because today only there is a notification that has come from the Government of Maharashtra so implementation of this 4 year course need to be will come to the university we being the autonomous institute and having the Research Centre and the course graduate programs so we will automatically will be able to make it 4 year course as per the government order and then as per the decision of the statutory body that has been resolved in the meeting along with that resolution will send soon maybe a couple of days to the university so that the B.Voc. course will become 4 year course from the next academic year we are proposing the degree for that two degrees we are proposing now it is up to the university to accept Whichever degree they will accept the graduate will be getting that degree so one degree that we are proposing, if the student is completing 4 years of course they will be getting B.Voc. degree and honours along with the traditional degree so and then another one is Bachelor of Science so let us see what the university accept so that will be in alignment with the UGC guidelines and list so whatever they will accept we will be able to keep that degree to our students Now the 3rd important thing is we have the faculty ratio which is 20:1 earlier it was 15:1 so again the decision has been taken that will stick to 20:1 which is the AICTE

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requirements but then there is a requirement for eligibility to NBA where it is 15:1 so wherever the accreditation is due or wherever we already had the accreditation we will see that how we can meet the requirement of 15:1.

Agenda 7: To discuss the innovations introduced during this academic year, which have created a positive impact on the functioning of the Institution.

Dr.Payal Saha said that, they have conducted guest lectures by industry experts and also technical seminars also in the month of January.We had an industrial visit for 3rd year and final year students, In this visit we had taken them to various companies in north of India so they have seen the actual working of the industry. Then she said broad research we had the conference in the month of February it is ICCCDS in which 69 papers have been presented and 4 departments had joined together that is E&TC, EXTC, IOT & CSE. Then students have participated in various competitions at national level so there were 4 team students who have participated in formula Bharat competition and that gave them a lot of industrial exposure. Under resources, Department has procured turnitin plagiarism check software. Demonstration was attended by the Latex systems so there was a training program for the lab assistant. We had procured campus license for MATLAB and all the Departments this is an institute campus license so everyone can use. It is a cloud supported software. Further, student development progress we had organised extra sessions for the students for completion of syllabus plus we are regularly interacting with the parents as they are one of the chief stakeholders. She further said about professional body attribute there has been various workshops titled FIGMA and introduction to flutter which has been added by various SE and TE students now as a quarter future plans, we are planning to conduct the examinations that is practical and semester examinations in the month of May also planning faculty development program on labview in the month of June.

Dr.Seema Jagtap said that, Civil Department has applied for the two grants for IKS but unfortunately we couldn't got that grants, We had the a MOU with department of higher and technical education government of Maharashtra for water conservation and climate change and the trainer selected was Rutuja Shinde,For 15 district in Maharashtra 8 trainers were selected. Among them the department faculty. Then we had the procurement of books as per the syllabus but in addition to the until permanent is Providing the courses of department level elective and institute level elective courses where the student are less so that we are providing through the NPTEL SWAYAM platform and fortunately we are successful to continue with that NPTEL SWAYAM and time to time the faculty as well as students are submitting the assignments on 29th of April the examination will be there for this NPTEL by various IITS. Total 6 student from a applied hydrology and flood control 5 students from transportation and 1 student and 1 is from geotechnical foundation and ILO for research development that that are successfully may be going to complete after the examination result but if we will see the result of assignment everybody is able to clear that course till date. She Further said that, One student Priyank had cleared the gate with AIR1383 with the gate score of 640. He can get admission in IIT that possibility is there then various student directly participating in various seminar and all that so that 100 activity point. We can successfully complete for all the student. Then we had various seminar workshops are arranged so that the student will get the knowledge about the code software's like Rebar man software then Rivet workshop then we have seminar on

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various core topics like climate change sustainability then also workshop on Jal Dalohar Savrakshan.

Dr.Rajesh Bansode said about, updated AQAR for 2021-22 and it is very first instance we received Lot of corrections which are to be done from NAAC office for in the first aspect if you see students satisfaction survey where in the survey which was taken by our institute semester which they wanted statistics then we have informed the statistics of number of students who have given the feedback out of total students followed by number of PhD awarded in their current A.Y. 2021-22. They asked the details of guides and their topic details etc. which were then listed in detail given then it is of mobilization for research what are the tools and software's are taken used by the researchers. The details also mentioned with particular clarity then innovation ecosystem, how we conduct innovation ecosystem at the institute level. How they growth is there and its updated and number of features having such projects currently from AICTE and faculties are doing the list was also with full detail clarity and then number of functional modules of institutions of national and International.

He further said that, student Computer ratio which was asked is available at the institute level number of computers that are available pool campus. He also shared on books and eBooks and subscription to journals and journals also ask with a budget clarity but also put up to the NAAC office then grievance redressal of students where it is in place colleges are available or not unfair policies asks also uploaded. Then number of outgoing students' progression to higher education how the hiring progress happening from last year to current year and progression also put up an alumni financial contribution from inception till date was also ask and shared with the NAAC office in the format. Then financial management and resource mobilization across the institute. They also for the details of internal external project statements that was taken from accounts office and we will share with them and the number of features provided with financial support to attend conferences workshops and towards payment of membership fee of professional bodies. They are consolidate for the year 2021-22.

Sir Further said, after one to two iterations on suggestion received from NAAC office on submitting the complete AQAR data and finally they have accepted our AQAR 2021-22 after 2 iterations of the minute work done on this following points. After that the in the AQAR there was a mechanism of integrating in NEP 2020 for 2021-22.Then how institute carried out multidisciplinary and itinerary what courses are added in this scheme and how they are employed into all the departments and the way forward for ABC that is looking for planning for in future and then skill development what mechanisms are being used for technical non-technical courses. Further for improvement of students moral growth in appropriate integration of IKS in terms of teaching in Indian languages culture using online courses etc for plan was asked to us and then focus on OBE how the web practice is done at institute level then whether this institute is having certification online education mechanism available in the organization with the requirements to acquire any make your office initiatives and we have taken this time in adding the points for AQAR 2021-22 we expect this in 2022-23 will be a for continuous preparation of this data so that we show the improvements in all the aspects from NAAC office.

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Agenda 8: To discuss the action taken by the departments on the actionable points identified in the previous meeting

Mr.V.N.Datta said that, in the list the Seminars & conferences conducted at other institute there was issue the other topics limited to quality topics at institute does conference of seminar that item is not there. Then about the NEP 2020 important points have been added their one of the issues which has been raised in the report is it should be given autonomy the system of evaluation should be done away as much as possible. Now we do have autonomy to some extent and they report goes on to say that the institution should be given degree awarding powers. This could be study and report would be brought. Dr.Ram Kumar is working on Deemed University status for the engineering college. I do not know whether the message has reached our college TCET. It was suggested to him to give this project initially to prepare it will be okay with us to get degree awarding powers. This is something to be discussed in college Best thing that you have to run the institution assure you are the person tell us management how far you have achieved their progress in this area in autonomy and how far you are prepared to take further action.

Dr.B.K. Mishra said that, Management in right now not eligible for the degree awarding autonomous institute because there are 3 cycle of accreditation is required so that recycle of education means 15 years so being 5 years one cycle will be completing so it's still 2 cycles are there and then one cycle maybe at least in one cycle it should be a A+ something so right now we don't qualify to that until unless we will complete that 15 years we will not be able to.

Dr.B.K.Mishra further asked Dr.Rajesh Bansode about ABC Information where he replied that, Academic Bank of Credit is a credit facility originally envisioned by the Government of India in the National Education Policy (NEP)2020. The credits stored in the individual accounts of the students will give them a much larger scope of freedom in terms of their academic/career choices. The students will be able to drop out of their institute from any year/semester and exchange the credits earned so far with a certificate/diploma if eligible. In this regard, The workshop on National Credit Framework arranged by the Department of Higher Education, Technical Section-II, Ministry of Education at IIT Bombay was attended by Vice Principal and Dean Academic on 28th November 2022. We are studying the framework and trying to understand the possibilities of deploying it in our system from next A.Y.2023-24. The National Credit Framework encompasses the following main components/ dimensions of learning: a) Credits earned by virtue of completed academic education b) Credits earned by virtue of undergoing vocational education, training/ skill program c) Credit points earned by virtue of relevant Experiential learning including relevant experience and professional levels acquired. The process of initiation of academic Bank of Credit in line with NEP 2020 has started in this Academic year where students are made to register and create logins. In due course of time, we will ensure that students can accumulate the credits as per their choices within the rules and regulations of the various regulatory bodies. This will ensure that fast learners and slow learners can accumulate the credits at their pace for degree award thereby facilitating multiple entry and multiple exit as envisioned in NEP 2020.

Dr.Sanjeev Chaudhary sir that , We have collected from 63% means correct information is 63% students have registered on ABC successfully we have the list and the list is now ready to upload

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just 2 or 3 minor things are to be change because surname is to be taken first like that names are being done last.

Agenda 9: To discuss strategies for implementing future plans of action for the year 2023-24.

Dr. B.K. Mishra initiated the discussion on this agenda by stating that since, now we an autonomous institute two batches will be completing the respective course and therefore we will be eligible for Tier-1 from the next academic year so our next application will go under Tier-1. Another important thing is NAAC application is due for submission in the next academic year and therefore we started company compiling the data of 5 years as per the requirements. May be by another couple of months we will be able to compile all the data which are required for NAAC and then we will start working on SSR i.e. self-assessment report so that before 6 months the tenure get lapsed we should be able to send our application. We should be able to upload all the information in the NAAC portal so that work is in progress. The IQAC Director and the IQAC Coordinator need to take care of that also I have already instructed the office to compile the data so these are some of the Developments at the Institute level over this quarter. Important thing is we have also applied for NIRF Ranking. The result may be declared sometime in the month of May or June so let us hope that our name should be there in the list.

Dr. R. R. Sedamkar added that AQAR for the A.Y. 2021-22 is already submitted and this time it was a very lengthy process because earlier once we submitted it used to get accepted, but this time they have put lot of tabs with the actual authenticated data needs to be looked up . This exercise went for 2 months and finally it was accepted. The coordinator will explain to you the details. This time they have added the points of NEP-2020 as a compliance they have asked initially as to what exactly as an autonomous college you did as a part of multidisciplinary, academic credit bank, skill enhancement programs and data regarding to Indian knowledge system. On all fronts they have asked one paragraph of what exactly has been done. What I sense is slowly they are bringing and integrating that into a quality system so that we have to start putting efforts on those so that the data starts coming in that direction also. He also said for making the IQAC quarterly meet more efficient in the future the data should get consolidated and it should show the progressive improvement in the self-study report for next academic year. It would be better to show progressive improvement not to show cumulative at one go because that is not the expectation, The continuous improvement is the requirement of the NAAC and the portal also expects the data in that connection only. So all the Deans and HODs were requested to present the data from academic year 2019 to 2024 progressively every year how and why did thought of improving what was the area for improvement and what was the strategy and how did you plan it, how did you deploy it and what is the outcome and what is its impact, how many students or faculty members got benefited. This is simple formula which everyone needs to put up in a single slide and show us statistically because just general talking does not make any sense, because this time in AQAR we faced lot of issue, because they are asking specific data and that to authenticated data. There they cross check it multiple times. The general data does not give you better ranks so please see to it that at all levels data is maintained and

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presented properly. This is a short duration meeting where everyone needs to be involved and in consolidated and crisply manner needs to be presented and the action taken report is presented in the context of the last actionable points.

Agenda 10: Any other point with the permission of the chair.

Dr. R.R. Sedamkar took the permission of the chair and invited suggestions if any from all members present. With no further points to discuss, He then concluded with a vote of thanks to everyone. Dr. R. R. Sedamkar thanked all the members and the experts have taken their time to attend the IQAC meeting including Mr.Gaurav Ghelani, Dr.Ramkumar Ambatipudi, Mr. Ivan Castelino alumni members, parents, Secretaries, TEG advisor Mr.V.N.Datta sir and all the other members who were part of IQAC from local society and the employer and other members. All members have thanked our principal, vice principal including Controller of examination, HODs, In-charges, HOC Cell and all IQAC coordinator were part of this meeting.

Prepared By	Checked By	Verified By	Reviewed & Recommended by	Approved By
Ms.Niki Modi Mr.Shivram Poojari	Dr.Rajesh Bansode	Dr. R.R. Sedamkar	Dr. Kamal Shah	Dr. B. K. Mishra
QAC Members	IQAC Coordinator On leave	Director, IQAC on leave	Vice Principal	Principal & IQAC Chairperson

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